CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/VKR/W.No.01/2019-20

Date: 23.08.2019

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.
AGENCY	:	**Sri. Vinayaka K.R,** Contractor, Bangalore.
NAME OF THE WORK	:	Improvements to CC road and drain Kogilu main road to Anjaneya temple road in Kempegowda in Ward No.01, BBMP, Bangalore.
SAMPLE ID	:	Cement (Chettinad OPC 53 Grade)
DATE OF MANUFACTURE	:	July - 2019
DATE OF TESTING	:	21.08.2019 to 23.08.2019
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part -5)	150 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	425 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.00 %	-

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

A.E.E

AE

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail:civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/VKR/W.No.01/2019-20

Date : 23.08.2019

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.

Agency : **Sri. Vinayaka K.R,** Contractor, Bangalore.

Name of Work : Improvements to CC road and drain Kogilu main road to Anjaneya temple road in Kempegowda in Ward No.01, BBMP, Bangalore.

Date of Testing : 23.08.2019

Material : 40mm Aggregates

Total wt. of aggregates in gms = **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	212	1.41	1.41	98.59	95-100
20	5236	34.91	36.32	63.68	30-70
10	5214	34.76	71.08	28.92	10-35
4.75	3754	25.03	96.11	3.89	0-5

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Job No.: CQCE/BBMP/VKR/W.No.01/2019-20 02.10.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.

Agency : **Sri. Vinayaka K.R,** Contractor, Bangalore.

Name of the work : Improvements to CC road and drain Kogilu main road to Anjaneya temple road in Kempegowda in Ward No.01, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.09.2019	02.10.2019	8.265	508.3	22.59
2	25.09.2019	02.10.2019	8.274	521.6	23.18
3	25.09.2019	02.10.2019	8.295	532.6	23.67

ote:
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